05-90
1025 #3 OIPE

CRF Processing Date: 10/25/2001
Serial Number: 09/900,754   **ENTERED**   Edited by:
Verified by: ___ (STIC sta)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☑ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

_____
_____
_____

Examiner: The above corrections must be communicated to the applicant in the first Office Action! DO NOT send a copy of this form.

3/1/95

```
          RAW SEQUENCE LISTING                DATE: 10/25/2001
          PATENT APPLICATION:  US/09/900,754  TIME: 20:16:13

          Input Set : A:\PTO.AMC.txt
          Output Set: N:\CRF3\10252001\I900754.raw

   4  <110> APPLICANT: Allen, Keith D.
   5        Leviten, Michael W.
   7  <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING TRYPTASE GENE
   8        DISRUPTIONS
  10  <130> FILE REFERENCE: R-372
  12  <140> CURRENT APPLICATION NUMBER: US 09/900,754
  13  <141> CURRENT FILING DATE: 2001-07-06
  15  <150> PRIOR APPLICATION NUMBER: US 60/216,109
  16  <151> PRIOR FILING DATE: 2000-07-06
  18  <150> PRIOR APPLICATION NUMBER: US 60/223,172
  19  <151> PRIOR FILING DATE: 2000-08-07
  21  <150> PRIOR APPLICATION NUMBER: US 60/244,111
  22  <151> PRIOR FILING DATE: 2000-10-26
  24  <160> NUMBER OF SEQ ID NOS: 4
  26  <170> SOFTWARE: FastSEQ for Windows Version 4.0
  28  <210> SEQ ID NO: 1
  29  <211> LENGTH: 1122
  30  <212> TYPE: DNA
  31  <213> ORGANISM: Mus musculus
  33  <400> SEQUENCE: 1
  34  atggctctgg ggcccaactg tggcatccta ctgtttctgg ctgtttctgg gtgtggccat 60
  35  ccccaggttt caaactcggg aagtcgaatc gtgggagggc atgctgcccc agcaggcaca 120
  36  tggccgtggc aggctagcct ccgtctgcac aaggtgcacg tgtgtggagg ctccctgctc 180
  37  agtccagaat gggtgctcac agcagcccac tgcttctctg ggtctgtgaa ctcgtctgat 240
  38  tatcaggtgc acttgggaga gcttacggtc acactgtctc cccacttctc cactgtaaaa 300
  39  cggatcatca tgtacactgg ctctccagga ccaccggggt ccagtgggga cattgccctg 360
  40  gtgcagctgt cctccccggt ggccctttcc agccaggtcc agcctgtgtg cctcccagag 420
  41  gcctcagctg acttctaccc tgggatgcag tgctgggtga ctggctgggg ctatacaggg 480
  42  gaggagagc ctctgaagcc cccatacaac cttcaggagg ccaaagtctc tgtggtggat 540
  43  gtaaagacct gcagccaggc ttacaatagt cccaatggca gcctcatcca gccagacatg 600
  44  ctatgcgccc ggggccctgg ggatgcctgc caggatgact ctggagggcc actagtctgc 660
  45  caggtggctg gaacctggca gcaggccggc gttgtcagct ggggtgaggg ctgtggccgc 720
  46  cctgaccgcc ctggcgtcta tgcccgggtt actgcctatg taaactggat ccaccaccac 780
  47  atcccggaag caggggggctc aggaatgcaa gggcttccct gggctcctct cctggctgcc 840
  48  ctcttctggc caagcctctt cctgctgctg gtctctggag tcctgatggc caagtactgg 900
  49  ctgagctctc cctcccacgc ggcctcggaa ctctgaatga ggtgtagcaa ccaacccaag 960
  50  tgtctttctt aaataagtta gtgtttattc agtttgcttt gcccctcccc tcccttagc 1020
  51  tttgacttag gaagccaaag ttttctgcat cagattattg caacatttaa cctgaatttg 1080
  52  tagaacggat gacataaagc aaatggatgt caaaaaaaaa aa              1122
  54  <210> SEQ ID NO: 2
  55  <211> LENGTH: 311
  56  <212> TYPE: PRT
  57  <213> ORGANISM: Mus musculus
  59  <400> SEQUENCE: 2
  60  Met Ala Leu Gly Pro Asn Cys Gly Ile Leu Leu Phe Leu Ala Val Ser
  61  1               5                   10                  15
  62  Gly Cys Gly His Pro Gln Val Ser Asn Ser Gly Ser Arg Ile Val Gly
```

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```
63              20              25              30
64 Gly His Ala Ala Pro Ala Gly Thr Trp Pro Trp Gln Ala Ser Leu Arg
65         35              40              45
66 Leu His Lys Val His Val Cys Gly Gly Ser Leu Leu Ser Pro Glu Trp
67      50              55              60
68 Val Leu Thr Ala Ala His Cys Phe Ser Gly Ser Val Asn Ser Ser Asp
69 65              70              75              80
70 Tyr Gln Val His Leu Gly Glu Leu Thr Val Thr Leu Ser Pro His Phe
71              85              90              95
72 Ser Thr Val Lys Arg Ile Ile Met Tyr Thr Gly Ser Pro Gly Pro Pro
73             100             105             110
74 Gly Ser Ser Gly Asp Ile Ala Leu Val Gln Leu Ser Ser Pro Val Ala
75             115             120             125
76 Leu Ser Ser Gln Val Gln Pro Val Cys Leu Pro Glu Ala Ser Ala Asp
77      130             135             140
78 Phe Tyr Pro Gly Met Gln Cys Trp Val Thr Gly Trp Gly Tyr Thr Gly
79 145             150             155             160
80 Glu Gly Glu Pro Leu Lys Pro Pro Tyr Asn Leu Gln Glu Ala Lys Val
81             165             170             175
82 Ser Val Val Asp Val Lys Thr Cys Ser Gln Ala Tyr Asn Ser Pro Asn
83             180             185             190
84 Gly Ser Leu Ile Gln Pro Asp Met Leu Cys Ala Arg Gly Pro Gly Asp
85             195             200             205
86 Ala Cys Gln Asp Asp Ser Gly Gly Pro Leu Val Cys Gln Val Ala Gly
87      210             215             220
88 Thr Trp Gln Gln Ala Gly Val Val Ser Trp Gly Glu Gly Cys Gly Arg
89 225             230             235             240
90 Pro Asp Arg Pro Gly Val Tyr Ala Arg Val Thr Ala Tyr Val Asn Trp
91             245             250             255
92 Ile His His His Ile Pro Glu Ala Gly Gly Ser Gly Met Gln Gly Leu
93             260             265             270
94 Pro Trp Ala Pro Leu Leu Ala Ala Leu Phe Trp Pro Ser Leu Phe Leu
95      275             280             285
96 Leu Leu Val Ser Gly Val Leu Met Ala Lys Tyr Trp Leu Ser Ser Pro
97      290             295             300
98 Ser His Ala Ala Ser Glu Leu
99 305             310
102 <210> SEQ ID NO: 3
103 <211> LENGTH: 200
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Targeting Vector
110 <400> SEQUENCE: 3
111 ggagtcatgg agggctccca gagaaagggc attgagcaga atgccggtct ccagattccc 60
112 tcaccaacag tgtctcctct ggatcagggt gtggccatcc ccaggtttca aactcgggaa 120
113 gtcgaatcgt gggagggcat gctgccccag caggcacatg gccgtggcag gctagcctcc 180
114 gtctgcacaa ggtgacgtgt                                          200
116 <210> SEQ ID NO: 4
```

RAW SEQUENCE LISTING   DATE: 10/25/2001
PATENT APPLICATION: US/09/900,754   TIME: 20:16:13

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\10252001\I900754.raw**

```
117 <211> LENGTH: 200
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Targeting Vector
124 <400> SEQUENCE: 4
125 ctccactgta aaacggatca tcatgtacac tggctctcca ggaccaccgg ggtccagtgg 60
126 ggacattgcc ctggtgcagc tgtcctcccc ggtggccctt tccagccagg tccagcctgt 120
127 gtgcctccca gaggcctcag ctgacttcta ccctgggatg cagtgctggg tgactggctg 180
128 gggctataca ggggagggag                                          200
```

VERIFICATION SUMMARY   DATE: 10/25/2001
PATENT APPLICATION: US/09/900,754   TIME: 20:16:14

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